

ABSTRACT

A cable extension wire includes a socket connected by a cable wire at a rear end of a plug thereof, and an accommodating chamber disposed at an end portion of the socket. Wherein, a connecting piece is 5 provided at an outer edge of the accommodating chamber at a tube-shaped housing of the socket, and the other end of the connecting piece is provided with a cover. The characteristics of the invention are that, one side of the cover is disposed with a protruding loop further having a circular groove at a root portion thereof. Using the aforesaid 10 structure, the protruding loop at one side of the cover is pressed into the accommodating chamber for preventing invasions of dust and moisture into the socket.